

Appl. No. 09/888,714
Atty. Docket No. CM2380
Amdt. dated 04/05/2004
Reply to Notice of 12/03/2003
Customer No. 27752

Amendments to the Claims

In the claims

This listing of the claims will replace all prior versions, and listings, of the claims in the present application

Listing of the claims

Claim 1 (currently amended): A detergent composition comprising a cyclodextrin glucanotransferase enzyme and a detergent ingredient selected from the group consisting of a nonionic surfactant, a protease, a bleaching agent and mixtures thereof;

wherein said detergent composition comprises a starch binding domain;

wherein said starch binding domain is is part of said cyclodextrin glucanotransferase;

~~further~~ wherein said starch binding domain is derived from glucoamylase of *Aspergillus niger*, β -galactosidase of *A. awamori* and mixtures thereof, and wherein said cyclodextrin glucanotransferase enzyme is comprised at a level of from about 0.0002% to about 10% pure enzyme by weight of the total detergent composition.

Claim 2 (canceled)

Claim 3 (currently amended): A detergent composition according to claim [[2]] 1 wherein said cyclodextrin glucanotransferase enzyme is comprised at a level of from about 0.001% to about 2% pure enzyme by weight of the total detergent composition.

Claim 4 (currently amended): A detergent composition according to claim [[2]] 1 wherein said cyclodextrin glucanotransferase enzyme is comprised at a level of from about 0.001% to about 1% pure enzyme by weight of the total detergent composition.

Claims 5 and 6 (cancelled).

Claim 7 (previously presented): A detergent composition according to claim 1 wherein said nonionic surfactant is selected from the group consisting of polyethylene oxide condensates of alkyl alcohols, amide oxide, polyethylene oxide condensates of alkyl acids and mixtures thereof.

Claim 8 (previously presented): A detergent composition according to claim 1 wherein said bleaching agent is selected from the group consisting of [Mn (5,12-dimethyl-1,5,8,12-tetraaza-bicyclo [6.6.2] hexadecane) Cl₂]; [Mn (5,12-diethyl-1,5,8,12-tetraaza-bicyclo [6.6.2] hexadecane); the combination of percarbonate with a bleach activator selected from the group consisting of

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nonanoyloxybenzene-sulfonate, phenolsulfonate ester of N-nonanoyl-6-aminocaproic acid and/or tetraacetythylenediamine; and mixtures thereof.

Claim 9 (previously presented) A detergent composition according to claim 1 wherein the protease is derived from *Bacillus subtilis*.

Claim 10 (previously presented). A detergent composition according to claim 1 further comprising an enzyme selected from the group consisting of a lipase, an alpha-amylase, a maltogenic alpha-amylase, an amyloglucosidase and mixtures thereof

Claim 11 (previously presented). A method of using a cyclodextrin glucanotransferase enzyme and a detergent ingredient selected from the group consisting of a nonionic surfactant, a protease, a bleaching agent and/or mixtures thereof, in a detergent composition for the hydrolysis of retrograded and raw starch comprising the step of contacting a fabric, dish or hard surface in need of treatment with the detergent composition of claim 1.

Claim 12 (previously presented). The method according to claim 11 for the removal of starch-containing stains and soils, and when formulated as laundry compositions, for excellent whiteness maintenance and dingy cleaning comprising the step of contacting a fabric, dish or hard surface in need of treatment with the detergent composition of claim 1.